



United States Steel Corporation  
Clairton Works  
400 State Street  
Clairton, PA 15025-1575

March 25, 2004

Dr. Roger C. Westman  
Department of Air Quality  
Bureau of Air Pollution Control  
301 Thirty-Ninth Street  
Pittsburgh, PA 15201

U.S. Environmental Protection Agency  
Region III  
Air, Radiation & Toxics Division  
1650 Arch Street  
Philadelphia, PA 19103-2029  
ATTN: James W. Hagedorn

Assistant Council  
Department of Environmental Protection  
Southwest Region  
400 Waterfront Drive  
Pittsburgh, PA 15222-4745  
ATTN: Steve Hepler

Department of Justice  
Environmental and Natural Resource Division  
Environmental Enforcement Section  
P.O. Box 7611  
Ben Franklin Station  
Washington, D.C. 20044  
ATTN: David Street, Esq.

Subject: USS Reference Number: 04-0030  
ACHD Reference Number: 5029  
#7 Battery Igniter Flare  
USS Clairton Works

Gentlemen:

The attached form confirms our verbal report of the outage. Any questions concerning this matter should be referred to Coleen M. Davis at 233-1015.

Sincerely,

Anton Lukac  
Plant Manager  
Clairton Works

NOTICE OF BREAKDOWN OF EQUIPMENT  
ARTICLE XXI - SECTION 2108.1

1. USS Reference Number: 04-0030  
ACHD Reference Number: 5029
2. Date & Time of Breakdown: Date: 03/24/04 Time: 1050 hours
3. Company Name: U.S. Steel Corporation - USS Clairton Works
4. Specific Equipment Involved or Affected: #7 Battery Igniter Flare
5. BAPC Permit Number (if applicable):
6. Location: Clairton, PA
7. Nature and cause of breakdown: Coke oven gas was flared on #7 Battery when the auto mercoird switch malfunctioned and allowed the igniter flare to open.

Date	Battery	Start Time	End Time	Duration Min. Sec.	Flared Yes No
03/24/04	7	10:50	10:51	1 00	Yes

8. Identification of Emissions:

- A. Type(s) (CO, NOX, SO<sub>2</sub>, Particulates, Hydrocarbons, etc.)  
Released products of combustion of Coke Oven Gas.
- B. Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). Eye, Nose and Throat Irritant.
- C. Amount of each type emitted (or likely to be emitted).

Chemical	Quantity Released (lbs)
CO	<0.02
NO <sub>x</sub>	<0.005
SO <sub>2</sub>	<0.1
VOC	<0.003

9. Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).  
The flare was manually closed and flaring was terminated at 1051 hours. The mercoird switch replacement was completed at 1330 hours and the automatic system was available for service.
10. Facility back in operation - Date: 03/24/04 Time: 1330 hours

Signature

*Coleen M. Davis*  
Coleen M. Davis

Date 3/26/04

Senior Environmental Control Engineer Phone: 233-1015